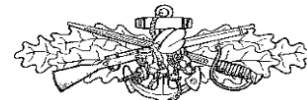
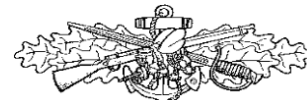
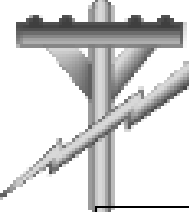


## (CE) CAREER PATH (SCW)



**Construction Electrician (CE):** Construction skills performed include: Installation, maintenance, operation, and repair of: low voltage telephone distribution networks; interior wiring used for lighting, electrical outlets, and equipment; power generation equipment including distribution panels, cables and branch circuits; power distribution systems including medium voltage overhead cables, underground cables, transformers, circuit breakers, and associated hardware. Construction Electricians also maintain batteries, electric motors, relays, solenoids, and switching gear. CEs plan and estimate construction projects from blueprints, provide sketches for projects, and make estimates of material, labor, and equipment requirements. Combat skills performed include: Embarkation via airlift / sealift. Chemical, biological, and radiological (CBR) response including individual and unit protection and decontamination. Coordinating disaster recovery teams (DRT) and rapid runway repair (RRR) teams. Performing camp security (e.g. guard duty, obstacle construction, observation posts, patrols for squad / platoon sized elements, convoys with various numbers of troops and CESE, and communications set up). Individuals obtain small arms qualifications, advanced first aid training, and crew served weapons qualifications.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ShORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26.5-30	FORCM CMDM UCCM	23.4 Yrs	CMDM	36/36	SUBSEQUENT SHORE TOUR FORCM, CMDM Billets, NCD, NCR, CBC, PWD, NCTC. SUSEQUENT SEA TOUR CMDM , NMCB LCLCPO
23.5-26.5	FORCM CMCDM UCCM CECS	23.4 Yrs 18.7		36	4 <sup>TH</sup> SHORE TOUR CMDM, NFELC, AFRH Associate Director
20.5-23.5	UCCM CECS CEC	23.4 Yrs 18.7 15.6		36	4 <sup>TH</sup> SEA TOUR CMDM, NMCB LCLCPO, 1NCD Advance Leader, MCASECTRACOM Det
17.5-20.5	CECS CEC CE1	18.7 Yrs 15.6 11.1	LDO/CWO	36	3 <sup>RD</sup> SHORE TOUR <i>DUTY:</i> Power Plant Supervisor, Learning Program Manager, Maintenance Chief, Instructor CE Advance <i>COMMANDS:</i> NCR, CBMU, CSFE, UCT
14.5-17.5	CEC CE1	15.6 Yrs 11.1		36	3 <sup>RD</sup> SEA TOUR <i>DUTY:</i> Company Ops Chief, Detail AOIC, Project Manager, Team Leader Assistant, Operations Scheduler. <i>COMMANDS:</i> NMCB, UCT, NSW CSSD, STATE DEPT, MCASECTRACOM, NCTS, PWD
11.5-14.5	CEC CE1 CE2	15.6 Yrs 11.1 5.4		36	2 <sup>ND</sup> SHORE TOUR <i>DUTY:</i> LPO, Crew/Squad Leader, Instructor, Recruit Division Commander, Recruiter, Presidential duty, Isolated Duty. <i>COMMANDS:</i> CBMU, CBC, NCR, PWD, UCT, Camp David.
YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ShORE FLOW	TYPICAL CAREER PATH DEVELOPMENT



**(CE) CAREER PATH  
(SCW)**

7.5-11.5	CE1 CE2	11.1 Yrs 5.4		42	2 <sup>ND</sup> SEA TOUR <i>DUTY:</i> LPO, Quality Control, Safety, Shop Supervisor, Security Specialist, NSW Support. <i>COMMANDS:</i> ACB, NMCB, UCT, State Dept, NSW CSSD, OSA.
4.5-7.5	CE2 CE3	5.4 Yrs 2.1	STA 21, MECP	36	1 <sup>ST</sup> SHORE TOUR <i>DUTY:</i> Instructor, Recruit Division Commander, Recruiter, NSW support, UPS TECH. <i>COMMANDS:</i> SRG, CBMU, PWD, CAMP DAVID, NCTMS
1-4.5	CE2 CE3	5.4 Yrs 2.1		48	1 <sup>ST</sup> SEA TOUR Basic trades at NMCB, ACB (SCW qualification) Basic trades at NCR, CBMU, PWD.
1+/-	Accession training, A-school	6 months	Naval Academy, NROTC, BOOST		Recruit Training and all schools or training events required to be completed prior to reporting to their first operational command.

**E9 SEABEE RATES:** The seven Seabee ratings compress to three ratings at the E9 level.

(1) CUCM - BU/SW/EA (2) EQCM - CM/EO (3) UCCM - CE/UT

➤ **SEABEE CLOSED LOOP NEC's:**

5933 - Master UCT Diver

5932 - Basic UCT Diver

5931 - Advanced UCT Diver

5633 - Mobile Utilities Support Equipment (MUSE) Technician

5601 - Uninterruptible Power Supply (UPS Tech) Maintenance

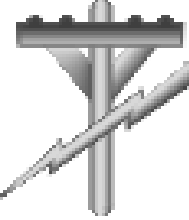
5642 - Central Office Exchange Technician (Telephone Tech)

- Both NEC's 5601 & 5642 must complete two back-to-back tours once NEC is obtained before going back to a Naval Construction Force (NCF) unit.
- **TRAINING:** Important to remember that majority of "C" school NEC's are dropped once an individual is advanced to E7. NEC's held are not indicative of career motivation.

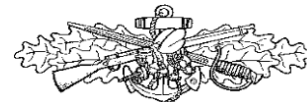
➤ **OCCUPATION FIELD 7 (OF-7) RATE:** The designation for rates whose primary technical focus is construction.

➤ **WARFARE QUALIFICATION:** The Seabee Combat Warfare (SCW) specialist warfare qualification designation was established in 1992. Qualifying units are the nine Naval Mobile Construction Battalions (NMCB's), the two Amphibious Construction Battalions (ACB's), and the two Underwater Construction Teams (UCT's).

➤ **CHALLENGING ASSIGNMENTS:**



## **(CE) CAREER PATH (SCW)**



- **OVERSEAS CONTINGENCY SUPPORT ASSIGNMENTS:** Unaccompanied billets lasting from 6-18 months located in Iraq, Afghanistan, Djibouti, and various other locations. These billets are sea duty and offer advantages towards advancement.
- **SPECWAR / SPECOPS:** More billets supporting these specific units are being created. As the OSA continues, the SPECWAR and SPECOPS communities are in need of Seabees, in particular the CM and EO ratings. These units have sea and shore duty components. The mission is to provide support for teams CONUS and OCONUS. A security clearance is needed for these billets.
- **NAVAL MOBILE CONSTRUCTION BATTALIONS (NMCB's):** This arduous, demanding sea duty is the bread & butter of the Naval Construction Force. Current rotation varies due to surge in Afghanistan. There are limited E-8 billets and zero EACS billets. There is also a limited number of Bravo Company E5 and above billets (CE and UT). This type duty offers the best leadership opportunities. Currently, NMCB's are home ported in Port Hueneme, CA and Gulfport, MS.
- **AMPHIBIOUS CONSTRUCTION BATTALIONS (ACB's):** Provides ship to shore transportation of fuel, materials, and equipment by means of barge ferry operations. ACB's construct elevated and floating causeway piers, install ship to shore fueling systems, erect medium-size portage-support camps, and provide camp support, perimeter defense, and construction support. Deployments are numerous and short-term. Each ACB has a sea and shore component. Currently, ACB's are home ported in San Diego, CA and Little Creek, VA.
- **NAVAL SUPPORT UNIT STATE DEPARTMENT (NSU):** Provides the Department of State (DOS) with specialized skills in construction, maintenance, and the installation/repair of technical and physical security systems essential to DOS Diplomatic Security (DS), Counter-Intelligence, and Counter-Measures programs worldwide. Must be able to obtain a TS/SCI clearance.
- **MOBILE UTILITIES SUPPORT EQUIPMENT (MUSE):** Performs all tasks associated with the design, procurement, installation, operation, maintenance, trouble-shooting, and life-cycle management of diesel driven power plants up to 2500kW, electrical substations up to 5000kVA, and steam plants up to 20K lbs per hour. The \$200M MUSE inventory directly supports Navy fleet operations and DoD utility shortfalls at numerous locations worldwide in direct support of GWOT. MUSE Techs provide minimal footprint and high density skill sets. MUSE Techs are the first choice for providing power to high security base camps in desolate areas. MUSE is a closed loop NEC. Must be able to obtain a secret to TS/SCI clearance.
- **UNDERWATER CONSTRUCTION TEAMS (UCT's):** Provides construction, inspection, and repair of ocean facilities such as wharves, piers, underwater pipelines, moorings, boat ramps, etc. Seabees are capable of diving to 190 feet using scuba or surface supplied air to perform work underwater. UCT units are located in Little Creek, VA and Port Hueneme, CA. Each unit has a sea and shore component.
- **PRESIDENTIAL RETREAT, CAMP DAVID:** Provides the President of the United States, and the first family with a healthy, safe, and uniquely private place to work and relax.
- **RECRUITING / RECRUIT DIVISION COMMANDER / INSTRUCTOR:** These billets are challenging leadership positions associated with the process of "sailorization". These challenging shore assignments offer huge advantages towards advancement. Must be SCWS qualified and have a history of sustained superior performance to qualify for these billets.